



Subt. Form PTO-1449				Docket Number HYB-005US4		Application Number 10/694,383	
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)				Applicant Kandimalla et al.			
				Filing Date 10/27/03		Group Art Unit NA	
Sheet	1	OF	2				

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/MH/	5,149,798	09/22/92	Agrawal et al.	536	27	

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/MH/	WO99/62923		PCT				

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
/MH/	C1.	Khorana et al. (1972) "Studies on Polynucleotides," <i>J. Molec. Biol.</i> 72:209
	C2.	Reese (1978) "The Chemical Synthesis of Oligo- and Poly-Nucleotides By The Phosphotriester Approach," <i>Tetrahedron</i> 34:3143-3179
	C3.	Beaucage et al. (1981) "Deoxynucleoside Phosphoramidites - A New Class of Key Intermediates for Deoxypolynucleotide Synthesis," <i>Tetrahedron Lett.</i> 22:1859-1862
	C4.	Connolly et al. (1984) "Synthesis and Characterization of an Octanucleotide Containing the EcoRI Recognition Sequence With A Phosphorothioate Group At The Cleavage Site," <i>Biochemistry</i> 23:3443
	C5.	Agrawal et al. (1987) "Oligodeoxynucleotide Methylphosphonates: Synthesis and Enzymic Degradation," <i>Tetrahedron Lett.</i> 28(31):3539-3542
	C6.	Jager et al. (1988) Oligonucleotide N-Alkylphosphoramidates: Synthesis and Binding to Polynucleotides," <i>Biochemistry</i> 27:7237
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	C9.	Kuramoto et al. (1992) "Oligonucleotide Sequences Required For Natural Killer Cell Activation," <i>Jpn. J. Cancer Res.</i> 83:1129-1131
	C10.	Crooke (1993) "An Overview of Progress in Antisense Therapeutics," <i>B Antisense & Nucl. Acid Drug Dev.</i> 115-122 CRC Press, Boca Raton, Florida
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	C12.	Pisetsky et al. (1994) "Stimulation of Murine Lymphocyte Proliferation By A Phosphorothioate Oligonucleotide With Antisense Activity For Herpes Simplex Virus," <i>54 Life Sci.</i> 101
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	C14.	Agrawal et al. (1995) "Modified Oligonucleotides as Therapeutic and Diagnostic Agents," <i>Curr.Opin.Biotechnol.</i> 6:12-19
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	C19.	Chu et al. (1997) "CpG Oligodeoxynucleotides Act As Adjuvants That Switch On T Helper 1 (Th1) Immunity," <i>186 J. Exp. Med.</i> 1623

EXAMINER /Michelle Horning/	DATE CONSIDERED 06/18/2007
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/MH/	C20.	Dunford et al. (1997) "Antisense 97: Targeting the Molecular Basis of Disease" (Nature Biotechnology) Conference Abstract, pp. 40
	C21.	Sparwasser et al. (1997) "Macrophages Sense Pathogens Via DNA Motifs: Induction of Tumor Necrosis Factor- α -Mediated Shock," 27 Eur. J. Immunol. 1671
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	C32	Klinman, "therapeutic Applications of CpG-Containing Oligodeoxynucleotides", Antisense & Nucl. Acid Drug Dev., 8:181-184, 1998.
	C33	Yu et al., "Accessible 5'-End of CpG-Containing...", Bioorganic & Medicinal Chemistry Lett., 10:2585-2588, 2000
	C34	Kandimalla et al., "Effect of Chemical Modifications...", Bioorganic & Medicinal Chemistry, 9:807-813, 2001.
	C35	International Search Report (PCT APP. No. PCT/US01/30137)

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